ABSTRACT

APPARATUS AND METHOD FOR PREVENTING HYPOTENSION IN A DIALYSIS PATIENT

An automatic means and method for preventing and/or treating hypotension in hemodialysis patients. To this end, a system is provided wherein the patient or healthcare practitioner can cause the hemodialysis machine to automatically deliver sodium to the patient through the dialysate so as to increase blood and extracellular osmolarity, increase blood volume from vascular refilling, and raise blood pressure. This would thereby alleviate any clinical symptoms caused by hypotension during hemodialysis.

Figure 1